

## INTERNATIONAL SEARCH REPORT

PCT/GB2005/001197

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C07K14/47	C12N15/12	C12Q1/68	G01N33/68	A61P35/00
	A61K31/713	A61K38/17	A61K39/00		

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search, EMBASE, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/53312 A (HYSEQ, INC; TANG, Y., TOM; LIU, CHENGHUA; ASUNDI, VINOD; CHEN, RUI-HON) 26 July 2001 (2001-07-26) page 293; claims 1-28; table 1; sequences 1400, 3186 abstract -& DATABASE Geneseq 'Online' 22 October 2001 (2001-10-22), "Human polynucleotide SEQ ID NO 1400." XP002336282 retrieved from EBI accession no. GSN:AAI59197 Database accession no. AAI59197 -/-	1-17, 19-23, 25-27

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the International search

15 July 2005

Date of mailing of the International search report

16/08/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>-&amp; DATABASE Geneseq 'Online! 22 October 2001 (2001-10-22), "Human polypeptide SEQ ID NO 3186." XP002336283 retrieved from EBI accession no. GSP:AAM40041 Database accession no. AAM40041</p> <p>-----</p> <p>DATABASE EMBL 'Online! 24 March 2003 (2003-03-24), "Homo sapiens sarcoma antigen NY-SAR-27 mRNA, partial cds." XP002336240 retrieved from EBI accession no. EM_PRO:AY211915 Database accession no. AY211915 the whole document -&amp; LEE SANG-YULL ET AL: "Immunomic analysis of human sarcoma." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA. 4 MAR 2003, vol. 100, no. 5, 4 March 2003 (2003-03-04), pages 2651-2656, XP002336236 ISSN: 0027-8424 the whole document -&amp; LEE SANG-YULL ET AL: "Immunomic analysis of human sarcoma." INTERNET ARTICLE, 'Online! 4 March 2003 (2003-03-04), XP002336237 ISSN: 0027-8424 Retrieved from the Internet: URL:<a href="http://www.pnas.org/cgi/content/full/0437972100/DC1">http://www.pnas.org/cgi/content/full/0437972100/DC1</a> 'retrieved on 2005-07-15! Supporting information. Table 3. Sarcoma/testes antigens defined by serological analysis of cDNA expression libraries.</p> <p>-----</p> <p>DATABASE EMBL 'Online! 22 February 2000 (2000-02-22), "Homo sapiens cDNA FLJ10330 fts, clone NT2RM2000624, weakly similar to SPLICING FACTOR, ARGinine/SERINE-RICH 4." XP002336241 retrieved from EBI accession no. EM_PRO:AK001192 Database accession no. AK001192 cited in the application the whole document</p> <p>-----</p> <p>-/-</p>	<p>1,3-7, 9-17, 19-23, 25-27</p> <p>1,2,4-10</p>

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE Geneseq 'Online! 8 February 2001 (2001-02-08), "Human ORFX ORF2399 polypeptide sequence SEQ ID NO:4798." XP002336285 retrieved from EBI accession no. GSP:AAB42635 Database accession no. AAB42635 the whole document	1,2, 4-10,27
X	DATABASE EPO Proteins 'Online! 17 December 2003 (2003-12-17), "Sequence 11104 from Patent EP1074617." XP002336286 retrieved from EBI accession no. EPOP:AX876199 Database accession no. AX876199 the whole document	1,2, 4-10,27
X	DATABASE Geneseq 'Online! 22 April 2004 (2004-04-22), "Human protein that promotes STAT6 activation #15." XP002336287 retrieved from EBI accession no. GSP:ADI26065 Database accession no. ADI26065 the whole document	1,2, 4-10,27
X	DATABASE JPO Proteins 'Online! 17 June 2003 (2003-06-17), "STAT6 activating gene." XP002336288 retrieved from EBI accession no. JPOP:BD587825 Database accession no. BD587825 the whole document	1,2, 4-10,27
A	MILES AMANDA ET AL: "Expression analysis of prostate-associated tumor antigens identified via a modified SEREX approach." PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH ANNUAL MEETING, vol. 44, July 2003 (2003-07), pages 358-359, XP001207011 & 94TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH; WASHINGTON, DC, USA; JULY 11-14, 2003 ISSN: 0197-016X abstract	1-27

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**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 20-24 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observations where unity of Invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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